



	<p>Engineering Report</p> <p>S_502-57000-1_A.pdf English</p> <p>Product Specification</p> <p>ENG_SS_108-1235-1_A.pdf English</p> <p>ENG_SS_108-57100_D.pdf English</p> <p>S_108-57100-1_A2.tif English</p> <p>ENG_SS_108-57100-1_A2.pdf English</p> <p>Qualification Test Report</p> <p>ENG_SS_501-57058_B.pdf English</p> <p>ENG_SS_501-57058-1_O2.pdf English</p> <p>S_501-57058-1_O2.tif English</p>
Product Environmental Compliance	<p>MD_440054-2_0607201896_dmtec</p> <p>ENG_PC_MD_440054-2_J(705659).xlsx English</p> <p>MD_440054-2_0607201896_dmtec</p> <p>ENG_PC_MD_440054-2_J(681670).xml English</p>
Agency Approvals	<p>UL</p> <p>ENG_AAD_UL_E28476_20001207__C.pdf</p> <p>English</p> <p>UL Report</p> <p>ENG_AAD_UL_CERT_ML_E186634_E28476_2000120__A.pdf English</p> <p>CSA Certificate</p> <p>ENG_AAD_CSA_222156_6233_1475575_A.pdf</p> <p>English</p>
<p>Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.</p>	
Product Type Features	<p>PCB Connector Assembly Type : PCB Mount Header</p> <p>Connector System : Wire-to-Board</p> <p>Header Type : Partially Shrouded</p> <p>Sealable : No</p> <p>Connector & Contact Terminates To : Printed Circuit Board</p> <p>Wire/Cable Type : Discrete Wire</p>
Configuration Features	<p>PCB Mount Orientation : Vertical</p> <p>Number of Positions : 2</p> <p>Number of Rows : 1</p>
Electrical Characteristics	<p>Operating Voltage (VAC): 250</p> <p>Operating Voltage (VDC): 250</p>

Contact Features	Contact Base Material : Brass PCB Contact Termination Area Plating Material : Tin Contact Shape : Square Contact Mating Area Plating Material : Tin Contact Mating Area Plating Material Finish : Bright Contact Mating Area Plating Material Thickness : 2.032 µm [80 µin] Contact Type : Pin Contact Current Rating (Max) (A): 3 PCB Contact Termination Area Plating Material Finish : Bright Mating Post Length : 3.35 mm [.131 in]
Termination Features	Termination Method to Printed Circuit Board : Through Hole Termination Method to Wire & Cable : Crimp Termination Post & Tail Length : 3.4 mm [.134 in] Terminations per Post (Max) : 3
Mechanical Attachment	PCB Mount Retention Type : Kinked Tines Contact Retention Type : Locking Lance PCB Mount Alignment : Without Mating Retention : Without PCB Mount Retention : With Connector Mounting Type : Board Mount Contact Retention : With
Housing Features	Centerline (Pitch) : 2 mm [.079 in] Housing Color : Natural Housing Material : Nylon 66 GF
Dimensions	Wire Size (AWG): 30 – 24 Accepts Wire Insulation Diameter Range : .9 mm [.0354 – .059 in] PCB Thickness (Recommended) : 1 – 1.6 mm [.039 – .063 in] Length : 6 mm [.236 in] Height : 6.05 mm [.238 in] Width : 4.7 mm [.185 in]
Usage Conditions	Operating Temperature Range : -25 – 85 °C [-13 – 185 °F]
Operation/Application	Circuit Application : Signal
Industry Standards	UL Flammability Rating : UL 94V-0
Packaging Features	Packaging Quantity : 300 Packaging Method : Bag

EU RoHS
Directive
2011/65/EU

EU ELV Directive
2000/53/EC

China RoHS 2
Directive MIIT
Order No 32, 2016

EU REACH
Regulation (EC)
No. 1907/2006

Current ECHA Candidate List: **JAN 2019 (197)**
Candidate List Declared Against: **JAN 2019 (197)**

Halogen Content

Solder Process
Capability

Wave solder capable to 240°C

Statement of
Compliance

[Statement of Compliance](#) pdf

Compliance
Documents

There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

THIS PRODUCT

WIRE-TO-BOARD HEADERS &...

440054-2

2.0MM, HDR, 2POS, VERTICAL



From

In-Stock

PCB Connector Assembly Type :
PCB Mount Header

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-Board**

Number of Positions : **2**

Centerline (Pitch) : **2 mm**

TOP RESULTS ?

WIRE-TO-BOARD HEADERS &...

3-440054-2

2P 2.0MM PITCH HPI, VERTICAL,



Non-Stocked

PCB Connector Assembly Type :
PCB Mount Header

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-Board**

Number of Positions : **2**

Centerline (Pitch) : **2 mm**

WIRE-TO-BOARD HEADERS &...

4-440054-2

HPI 2.0MM, HDR, 2POSVERTICAL, YEL



Non-Stocked

PCB Connector Assembly Type :
PCB Mount Header

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-Board**

Number of Positions : **2**

Centerline (Pitch) : **2 mm**

WIRE-TO-BOARD HEADERS &...

2-440054-2

HPI 2.0MM, HDR, 2POSVERTICAL, BLU



Non-Stocked

PCB Connector Assembly Type :
PCB Mount Header

PCB Mount Orientation : **Vertical**

Connector System : **Wire-to-Board**

Number of Positions : **2**

Centerline (Pitch) : **2 mm**